

HURRICANE GUIDE

MIAMIBEACH

2011

Important information specifically
for the Miami Beach community

MIAMI BEACH

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We are committed to providing excellent public service and safety to all who live, work and play in our vibrant, tropical, historic community.

To request this material in accessible format, sign language interpreters, information on access for persons with disabilities, and/or any accommodations to review any document or participate in any city-sponsored proceeding, please contact 305.604.2489 (voice), or 305.673.7218 (TTY) five days in advance to initiate your request. TTY users may also call 711 (Florida Relay Services).

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MESSAGE FROM THE CITY MANAGER

The City of Miami Beach wants to ensure the safety of all of its residents and visitors and urges everyone to have a plan in case of a hurricane or other emergency. We are prepared and we want to make sure that you are too. This guide includes important information on how you should prepare and what to do afterwards. It is never too early to prepare, but it can be too late if you wait.

– Jorge M. Gonzalez

GENERAL INFO

Hurricane Season

The Atlantic hurricane season is officially from June 1 to November 30. Hurricanes have occurred outside of these six months, but these dates were selected to encompass over 97% of tropical activity. The Atlantic basin shows a very peaked season from August through October, with 78% of the tropical storm days, 87% of the minor (Saffir-Simpson Scale categories 1 and 2) hurricane days, and 96% of the major (Saffir-Simpson categories 3, 4 and 5) hurricane days occurring. Maximum activity is in early to mid September. Once in a few years there may be a hurricane occurring “out of season” – primarily in May or December.

Tropical Climate

TROPICAL DEPRESSION An organized system of clouds and thunderstorms with a defined surface circulation and maximum sustained winds* of 38 mph (33kt**) or less.

TROPICAL STORM An organized system of strong thunderstorms with a defined surface circulation and maximum sustained winds of 39 – 73 mph (34 – 63 kt).

HURRICANE An intense tropical weather system of strong thunderstorms with a well-defined surface circulation and maximum sustained winds of 74 mph (64 kt) or higher. In other parts of the world, hurricane is synonymous for typhoons and cyclones.

Forecasts

It is advised to monitor the weather frequently and to heed the advice of local officials during hurricane season. Tropical systems can speed up, change direction and intensify without warning. Several local news stations as well as national weather services offer E-mail notifications by subscribing to their services.

The following terms are used by weather forecasters to describe the strength and probability/proximity of a storm from hitting a specific destination:

HURRICANE WATCH A hurricane may strike your area within **48** hours.

HURRICANE WARNING A hurricane is expected to strike your area within **36** hours.

THE SAFFIR-SIMPSON SCALE is a 1 – 5 rating based on the hurricane’s peak wind speed.

Saffir-Simpson Scale

Category 1: Sustained winds of 74-95 mph

Category 2: Sustained winds of 96-110 mph

Category 3: Sustained winds of 111-130 mph

Category 4: Sustained winds of 131-155 mph

Category 5: Sustained winds of 156+ mph

BEFORE A STORM

REGISTRATIONS

Special Needs

Residents that require special care and/or special transportation to a special needs shelter have to pre-register with the Miami-Dade County Emergency Evacuation Assistance Program immediately. The number is 305.513.7700 or 305.468.5402 TDD (hearing impaired).

Pets **DO NOT LEAVE YOUR PET AT HOME**

Miami-Dade County now offers two pet-friendly evacuation centers for families to go with their furry friends, up to three pets per family. You must pre-register with Miami-Dade County if you plan on using the pet-friendly evacuation center. However, this does not guarantee placement. To register, call the Miami-Dade County Answer Center at 3-1-1 or go to miamidade.gov. The centers are located at: Miami-Dade County Sunshine Pavilion, 10901 SW 24 St., Miami and Highland Oaks Middle School, 2375 NE 203 Street, North Miami Beach. Inland hotels have also become more pet friendly over the years. Go to petswelcome.com for a list of participating hotels.

If evacuating with your pet is not an option, contact your veterinarian or the Humane Society for assistance. You want to make sure that it stays in a comfortable environment wearing proper identification with access to enough water and food for two weeks. Keep a current photo of your pet with you. Do not leave your pet on a leash outside during a storm.

Condo Manager Re-entry Program

The Condominium Hurricane Re-Entry and Parking Authorization Hang Tag Program allows pre-registered condominium managers or other designated responsible party to re-enter the city upon re-entry notification. For more information City of Miami Beach Outreach 305.673.7010 or www.miamibeachfl.gov/publicsafety.

E-mail

Subscribe now for e-mail notifications about significant emergency and other events affecting you and your neighborhood: South Beach Neighborhood, Middle Beach Neighborhood or North Beach Neighborhood. Go to miamibeachfl.gov to subscribe.

Text Message

Follow MiamiBeachNews on Twitter.com where our messages can go directly to your activated cellphone, PDA or your Home page.

Phone/Cellphone

In the event of an emergency, the City of Miami Beach may use its Reverse 911 system to call all home phone lines within the city to provide important information. The system, however, is not able to locate wireless phone numbers to communicate unless your cellphone is registered to this system. To register your cell phone to receive messages, go to <http://www.miamibeachfl.gov/reverse911/mainpage.asp>.

Social Media

Important messages will be posted to www.facebook.com/cityofmiamibeach, www.twitter.com/miamibeachnews, and www.YouTube.com/cityofmiamibeach.

Preparation Plan

Miami Beach residents are urged to develop a disaster preparedness plan before an emergency strikes. Know where you will stay, how you will get there, and what supplies you will take. Prepare an emergency supply kit for evacuation and for your return (a minimum of three days of food and water). Consider the needs of elderly and infant family members and pets.

- o Make prior arrangements with friends or relatives living in a non-evacuation area or check into a hotel located inland; or, as a last resort, use a public shelter (see Evacuation Pick-up Sites). Make sure that you take proper Miami Beach identification with you; you will need it to re-enter the city.
- o Send a list of friends' and neighbors' telephone numbers and copies of important papers to family members in another city.
- o Tell family, neighbors, and service agencies where you will stay in an emergency.
- o Have a transportation plan for emergencies.
- o If necessary, register with Miami-Dade County's Special Needs Evacuation Assistance Registry (see page 4)
- o Make arrangements with a kennel or friend to care for your pets. There are two shelters that will accept pets with prior registration (see page 4).
- o Have a plan to secure your boat (see Boats) or take it elsewhere.
- o Review your insurance policies to ensure that you are fully covered. Insurers cease issuing policies when tropical systems are within the quadrant.
- o Inventory and take photos of your property and valuables, and store these photos and other important documents in a waterproof container and take with you when evacuating.
- o Practice your Disaster Plan.

Trees

No tree is immune to storm damage, but with proper pruning, you can reduce the risk. Remember that you must obtain a permit to prune and/or remove certain trees. View the City's Codes online at miamibeachfl.gov or call Public Works at 305.673.7080 for more information.

Have your trees inspected by an International Society of Arboriculture certified arborist to see if your trees need pruning; you can find a certified arborist on isa-arbor.com. Do this as soon as possible, because they will be increasingly busy as the hurricane season approaches. It is the responsibility of the tree trimmer to remove all branches and debris from your residence when the job is finished. If you prune the trees yourself, be sure to dispose of organic waste properly (see bundle guidelines). Most importantly, do it now; once a storm is on its way, it is too late to prune.

Boats

Prepare to move your boat when a hurricane is likely, even before a Hurricane Watch is issued. If you wait too long to relocate the boat, bridges may be locked down and you may not be able to get your boat and yourself to safety. Be advised that high-rise storage racks can be toppled by a storm's high winds. If possible, put your boat on a trailer and take it further inland. If you must leave your boat in water, make sure it is securely anchored, secure extra lines and add chafe protection. Check with your local marina for more advice.

Roof and Gutters

Inspect your roof for proper overflow drainage, especially on flat roofs. Make sure that all drains are clear of debris. Clogged drains will cause water to pool up on roofs and cause extensive damage. Check for loose rain gutters and drain spouts and secure.

Quick Home Inspection

- o Inspect your roof
- o Trim trees
- o Update insurance coverage
- o Check your shutters (practice installing especially if you bought a new home or new shutters)
- o Test your generator and chainsaw for proper operation.

Before Evacuating, Secure Your Home, Condo, Apartment or Business

- o Take down and bring in any signs, tables, garbage cans, plants, furniture, umbrellas, and other loose and/or unsecured structures from outdoors, including all balconies.
- o Board up windows and glass doors. **(DO NOT TAPE WINDOWS)** and do not leave any windows or doors ajar).
- o If you live in an apartment or condo, securing your windows and doors will minimize damage to your unit; however, unsecured windows and doors of neighboring units can cause damage to your unit too. Please keep this in mind when preparing your home before evacuating.
- o Fill prescriptions.
- o Fill propane gas and car gas tank.
- o Secure boats and relocate according to predetermined boat plan.
- o Unplug TV/computer and bring antenna and satellite dish inside.
- o Add extra chlorine to your pool.
- o Turn off electricity to pool equipment and cover pump.
- o Move furniture and electronics away from windows and cover with plastic.
- o Pull curtains, blinds and shutters.
- o Turn off gas appliances at shut-off valve inside the house as well as water and electricity.
- o Secure pets in temporary shelter.
- o Turn your refrigerator to its coldest setting.
- o Place valuables in waterproof containers and store in high place.

Two-week supply of food/drink

Maintain a two-week supply of food and drink for when you return to the city after a storm. Keep it as a part of your survival kit (page 8). Include the following items:

- o Water and ice
- o Special dietary needs items
- o Small containers of canned meats, fruits, soups, etc.
- o Dry cereal and crackers
- o Granola/cereal/protein bars, nuts, peanut butter
- o Bread
- o Canned or bottled juices
- o Dry or non-refrigerated milk and baby food or formula (if applicable)

Survival Kit

Keep a kit at your home with the following items in it. Some of these items will be needed to secure your home, some you will take with you when you evacuate, and others will be needed once the storm has passed and you are allowed to re-occupy your home.

- o Radio/TV/Fan (battery-powered)
- o Flashlight(s)
- o Batteries
- o Can opener
- o Matches or lighter
- o Two-week food-drink supply (see page 7)
- o Prescription medicines (a month's supply)
- o Baby diapers and incontinent pads (if applicable)
- o First-aid kit
- o Spare keys to home and vehicles
- o Tools (hammer, screw driver, pliers, and nails)
- o Map of the area
- o Toiletries
- o Plastic garbage bags
- o Zip lock bags
- o Paper plates
- o Napkins or paper towels
- o Plastic Eating Utensils
- o Toilet Paper
- o Emergency cooking facilities
- o Sternos
- o Propane for gas BBQ grills
- o Lantern
- o Fuel (stored in an approved container outside)
- o Fire extinguisher
- o Bleach (without lemon or any other additives)
- o Water purification tablets
- o Rain gear (clothing and shoes)
- o Seasonal clothing for a few days
- o Blanket and pillows
- o Mosquito/insect repellent and killer
- o Sunscreen
- o Other: rope, an inflatable raft, life preservers, a tarp, sleeping bags and blankets, duct tape, and mosquito netting.

Pet Kit

- o Pet(s) should have proper ID (microchip, collar with tag, tattoo) including name, address and phone number
- o Up-to-date veterinarian records (vaccinations, medical history, any existing medical conditions with prescriptions, proof of ownership, current photos)
Updating your pets' vaccines during an emergency could prove challenging, so plan ahead.
- o One-month supply of medications
- o Flea & tick prevention/treatments
- o Two-week supply of food and water; can opener if necessary
- o Toys, treats and blankets to comfort animal
- o Proper leash & collar per pet
- o Appropriate pet carrier per pet
- o One-month of litter with pan & scoop

Emergency Suitcase

Keep an emergency suitcase ready at all times in the event of an evacuation or for any natural disaster that you can take with you to a shelter. Keep important documents sealed in an airtight bag. Shelters do not provide food. Be sure to take your own supply of non-perishable food.

WATERPROOF BAG OR BOX FOR ALL IMPORTANT DOCUMENTS:

- o Proof of residency/business
- o Driver's license
- o Insurance policy
- o Utility bill
- o Birth/marriage certificates
- o Bank accounts
- o Mortgages
- o Copies of prescriptions
- o Phone numbers of family, friends, physician, pharmacy, caregiver and business/employer contacts
- o Property photos

OTHER ITEMS TO TAKE:

- o Blankets and pillows
- o Essential personal items such as prescription drugs, toiletries, dentures, hearing aids, eye glasses
- o Change of clothing
- o Battery-powered radio/TV
- o Extra batteries
- o Cooler with ice/water supplies
- o Non-perishable food (see page 8)
- o Toys/books/activities for kids

Get Ready to Evacuate

Prepare for a hurricane as early as possible. Once a storm's path is forecasted to near South Florida, begin to monitor the storm and prepare for an evacuation. Fill up your vehicle with gasoline before evacuating and be sure to have extra cash in the event of power outage.

EVACUATION

All of Miami Beach is an evacuation zone. It is advised that you begin evacuation procedures before an evacuation order is given. This will allow you more time to calmly get off of the island to a home of a friend or relative that is not in an evacuation zone. Please remember to take your emergency suitcase of essential supplies (see pages 9). Red Cross shelters will not open until an evacuation order is given and spaces are limited. Families with pets must register prior to an evacuation warning at one of Miami-Dade County's animal-friendly shelters. Once a storm approaches, emergency services are limited and emergency personnel cannot react if an emergency occurs until after the storm.

Miami Beach Parking Garages

The City of Miami Beach opens its municipal parking garages for residential parking free of charge, during a state of emergency. Availability is on a first-come basis with City vehicles taking a priority. The elevators will not be operational. Parking will resume normal operations once the city has been declared safe or a reoccupation has been granted. Make sure to remove your vehicle from the garage to avoid charges. For more information, call the Parking Department at 305.673.7505.

Shelters

There are no hurricane shelters in Miami Beach or the coastal communities. The American Red Cross, in coordination with other agencies, operate shelters for evacuees at mainland schools and other facilities as deemed necessary during an evacuation. The locations are not pre-determined. A list of shelters will be made available through the Miami-Dade County Emergency Operations Center as soon as they become available. Shelter announcements will be made on MBTV-77, online at www.miamibeachfl.gov or by calling 305.604.CITY (2489). The shelters are not intended to be temporary housing. After a disaster, assessments will be made with local emergency managers as to continued and other shelter needs.



Hurricane Evacuation Bus Stops

The City of Miami Beach will begin evacuation procedures as soon as there is an evacuation order from the state and county. If you have not made prior arrangements to stay somewhere off of the island, the City urges residents to go to a Red Cross hurricane shelter. Miami-Dade Transit buses will provide free transportation to the mainland shelters from 21 locations in Miami Beach. Buses that will transport people for hurricane evacuations will have a special notice on the front of the bus where the route information is displayed. Remember that pets are not allowed to go to general population shelters (see Pet Evacuation Shelters, page 4) and therefore will not be allowed on the bus. Buses run continuous routes until Tropical Storm force winds arrive.

These are NOT HURRICANE SHELTERS, only Miami-Dade Transit bus pick-up locations to shelters. For a complete and up-to-date list of evacuation bus stops, call 3-1-1. Look for the hurricane evacuation signs that are placed at the following addresses:

SOUTH BEACH	Rebecca Towers 150 Alton Road	Ocean Front Auditorium 1001 Ocean Drive
	Council Towers South 533 Collins Avenue	Alton Towers Condominium 14 Street & Alton Road
	South Bay Club 800 West Avenue	Ida Fisher Community School 1424 Drexel Avenue
	South Shore Community Center 833 6 Street	Euclid Gardens Condominium 1575 Drexel Avenue
	South Beach Alternative School 920 Alton Road	Miami Beach City Hall 1700 Convention Center Drive
MIDDLE BEACH	Miami Beach Golf Club 2301 Alton Road	Seville Beach Hotel Collins Avenue & 29 Street
	Scott Rakow Youth Center 2600 Sheridan Avenue	Crown Hotel, 4041 Collins Avenue
		Temple Beth Shalom 4144 Chase Avenue
NORTH BEACH	Sherry Frontenac Hote 6565 Collins Avenue	79 Street & Hawthorne
	Normandy Drive & Rue Versailles	Biscayne Elementary, 800 77 Street
	Normandy Pool 7030 Trouville Esplanade	81 Street & Collins Avenue
	North Shore Park 72 Street & Byron Avenue	St Joseph's School, 8625 Byron Avenue
	North Shore Library 75 Street & Collins Avenue	North Bay Village Synagogue, N. Treasure Drive & Hispanola

During a Hurricane

If an evacuation order was issued, everyone should have evacuated. Sheltering at home in Miami Beach can be extremely dangerous and should only be used as a last resort. However, if you were not able to leave before the onset of storm conditions – notify family and friends of your situation.

SAFE ROOM

If you have not evacuated prior to the arrival of Tropical Storm conditions, you must shelter in place. In a high-rise building, you want to shelter in the lower levels, but not on the first three levels. Hurricane winds increase at higher levels. Stay in an interior room or hallway away from windows and doors. Take your immediate emergency supplies with you that should include, at minimum, a battery-powered radio, flashlight, important papers in a zipped-up plastic bag, and cellphone.

EMERGENCY CALLS

The City of Miami Beach's Fire, Rescue and Police teams stop all emergency operations at the arrival of Tropical Storm force (40 mph+) winds. Following a hurricane, emergency calls may be very limited due to flooding, downed power lines, and limited street access and personnel.

AFTER A STORM

Re-entering the City

Please be patient; officials' priority is public safety. Listen to the local news media for possible road closures and curfews. A reoccupation order can take hours, days or weeks depending on the severity of damage to roads, bridges and buildings. After the order for reoccupation to the city is issued, you will have to provide proof of residency (driver's license and/or utility bill with current Miami Beach address) to roadblock officials to re-enter Miami Beach. This is done to protect your home and/or business from unwelcome visitors.

Recovery

- o Find out if the authorities have declared the area safe
- o Watch for debris on the road while driving
- o Return to your pre-determined assembly point and/or contact your pre-established out-of-area contact person. Make sure all family members have been accounted for and let others know of your status
- o Make sure the main electrical switch to your home is off before entering the structure
- o Be careful when entering a structure that has been damaged
- o If you suspect a gas leak, leave immediately and notify the gas company
- o If possible, listen to the radio or contact authorities to find out if sewage lines are intact before turning on the water or using the toilet
- o Report utility damage to the proper authorities
- o Continue to monitor your local news for up-to-date emergency information such as boil water advisories

Safety Tips

Many injuries occur after the storm. To avoid injury, use common sense and wear proper clothing, including clothes with long sleeves and long pants, and safety shoes or boots.

DOWNED POWER LINES

Stay away and do not touch downed power lines. Stay away from standing water that may have active electrical currents. Although you may be without power in your home/business, it does not mean the lines are not active.

GETTING AROUND

If you must travel, treat all intersections as four-way stops. Some roads may be restricted. Curfews may be imposed.

GENERATOR USAGE

DO NOT operate a generator indoors, on balconies or near open windows. Make sure that the generator is running in a well-ventilated area. Many people die from carbon monoxide poisoning every year due to improper generator use. Read instructions and use with caution.

TREE TRIMMING

Use caution with operating power equipment (i.e., chain saws): Follow the manufacturer's instructions and wear safety equipment (i.e., goggles and gloves). Stay clear of those using manual or other tools to cut trees. Avoid back injuries by using mechanical assistance to move debris too large to move manually.

FOOD

If you are concerned that your food may have spoiled, when in doubt, throw it out. For additional food safety information, call the toll-free USDA/FSIS Meat and Poultry Hotline at 1.888.674.6854.

INSECTS

Uprooted insects and mosquitoes thrive in post-storm conditions. If you are without power, it is likely you have windows and doors open for periods of time. Use mosquito repellent and nets and spray entrance areas with insect killers.

SUN AND HEAT EXPOSURE

You will be exposed to more heat and sun, especially if you are without power. Wear sunscreen, drink water and try to keep cool. A portable, battery-powered fan will make you feel more comfortable.

Debris Removal

The City's priority is to clear major roadways of storm debris as soon as it is safe immediately following a hurricane. Other roads are cleared thereafter.

A courtesy single-family home residential storm debris collection may be deemed necessary. If a special collection is issued, please separate vegetation debris from other storm-related trash and place neatly on your curb. This will facilitate and expedite the collection service.

If you have excess storm debris, please take vegetation to the Green Waste Facility at 29 Street and Meridian Avenue from 7:00 a.m. to 5:00 p.m. Monday through Saturday, or call 305.471.4444 to make a regular bulk waste pick-up appointment (single-family homes only).

Property Damage and Emergency Building Permits

If your home is deemed uninhabitable by the Building Official, you must leave your home until proper repairs are completed. If necessary, the Miami Beach Building Department, second floor, City Hall, will issue emergency building permits due to storm-related damages to expedite repairs.

Direct Assistance

To individuals and families may come from any number of organizations, including:

- American Red Cross
- Salvation Army
- Other volunteer organizations

These organizations provide food, shelter, supplies and assist in clean-up efforts. In the most severe disasters, the federal government is also called in to help individuals and families with temporary housing, counseling (for post-disaster trauma), low-interest loans and grants, and other assistance after assessments are made. The federal government also has programs that help small businesses and farmers. Most federal assistance becomes available when the President of the United States declares a “Major Disaster” for the affected area at the request of a state governor. FEMA will provide information through the media and community outreach about federal assistance and how to apply.



IMPORTANT RESOURCES

If communications such as radio, television or newspapers are available, information on where to receive assistance will be provided through those sources following a hurricane. Emergency managers will designate a safe location where to disseminate information and resources where necessary. In case all communications fail after a hurricane, City public safety personnel along with CERT volunteers will disseminate information via flyers into the neighborhoods.

Important Contacts

INFORMATION

305.604.CITY(2489) • miamibeachfl.gov

MIAMI-DADE COUNTY

ANSWER CENTER

311 or 305.468.5900 • TDD:
305.468.5402 • miamidade.gov/eoc

MIAMI BEACH FIRE DEPARTMENT, HURRICANE AND FIRE SAFETY EDUCATION (CERT)

305.673.7123

MIAMI BEACH POLICE DEPARTMENT

305.673.7900

MIAMI-DADE COUNTY EMERGENCY, EVACUATION ASSISTANCE PROGRAM

305.513.7700 • TDD: 305.468.5402

FLORIDA'S EMERGENCY INFORMATION LINE

1.800.342.3557

NATIONAL WEATHER SERVICE

305.229.4522

NATIONAL HURRICANE CENTER

305.229.4470

MIAMI-DADE COUNTY, EMERGENCY OPERATIONS CENTER

305.468.5400

FPL

1.800.4.OUTAGE • 305.442.8770 (Miami-Dade)

AT&T

611

CITY GAS

305.693.4311

TECO PEOPLE'S GAS

305.940.0139

ATLANTIC BROADBAND CABLE

305.861.1564

HUMANE SOCIETY OF MIAMI

305.696.0800 • humanesociety.org

AMERICAN RED CROSS

305.644.1200 • miamiredcross.org/redcross.org

SALVATION ARMY

1.800.SAL.ARMY • salvationarmyusa.org

FEDERAL EMERGENCY MANAGEMENT AGENCY (FEMA)

1.800.621.3362 • TTY: 1.800.462.7585
fema.gov/disasterhelp.gov